

Axial piston drive with a continuously adjustable piston stroke

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Abstract

Sub 67

10 The invention relates to an axial piston drive with a
continuously adjustable piston stroke, which comprises a drive
shaft (10, 12) on which a swash plate (16) is supported in a
crank chamber (14) in such a way as to be tiltable and
displaceable in the axial direction, as well as a controller
(18, 20) by means of which an tilt angle and an axial position
15 of the swash plate (16) can be adjusted, and at least one
piston (26, 28) connected to the swash plate (16) so that it
can be actuated to move within a cylinder (22, 24).

It is proposed that the controller (18, 20) incorporates an
20 adjustment unit (30, 32) separated from the piston (26, 28).

(Fig. 1)